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TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



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2004 Weather Crop 20 Issued 3:00 P.M. 08/16/04 Week Ending August 15, 2004

PLEASANT WEATHER FOR TOBACCO AND HAY HARVEST

Pleasantly cool, dry conditions allowed Tennessee tobacco producers to make excellent progress with harvesting and topping last week. Harvest was progressing slightly ahead of last year. The State’s other major row crops remained in mostly good-to-excellent condition, although a good general rain is needed. Tennessee’s corn crop continues to progress closer to harvest with one-fifth of the acreage having attained physiological maturity. Soybean maturation is about a week ahead of the five-year average, with some cases of light insect and disease pressure. Peach growers have finished harvesting, while apple producers have just started on a few varieties. Other activities across the State included silage harvest, cutting hay, aerial and ground spraying, and preparing machinery for harvest. There were 6 days last week considered suitable for fieldwork. Temperatures last week averaged well below normal, while rainfall averaged below or near normal across the State. As of Friday, topsoil moisture levels were rated 19 percent short, 76 percent adequate, and 5 percent surplus. Subsoil moisture levels were rated 19 percent short, 78 percent adequate, and 3 percent surplus.

CROP PROGRESS: Through August 15, 2004					CONDITION: On August 13, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn Dent	90	75	76	76	Corn	1	3	11	50	35
Corn Mature	20	7	16	22	Cotton	0	0	13	57	30
Corn Silage Harvested	40	20	25	37	Soybeans	2	3	16	54	25
Cotton - Bolls Opening	3	1	2	5	Tobacco	3	6	23	52	16
Soybeans - Blooming	91	82	78	88	Pastures	0	4	17	64	15
Soybeans - Setting Pods	79	64	54	66						
Tobacco Topped	77	71	71	75						
Burley Tobacco Harvested	22	11	12	19						
Air-Cured Tobacco Harvested	21	5	6	18						
Fire-Cured Tobacco Harvested	18	4	14	22						

CORN: Corn silage continues to be harvested with grain harvest to commence in about 10 days. The State’s corn crop continues to be rated in mostly good-to-excellent condition. The crop was maturing at a pace slightly ahead of last year.

COTTON: Virtually all of the State’s cotton acreage is setting bolls with some beginning to open. Insect infestations remain light. The crop was rated in mostly good-to-excellent condition.

SOYBEANS: Soybean development is progressing about a week ahead of schedule. A few fields were starting to drop leaves. A good general rainfall is needed for development, especially the late planted fields. Producers continued post-emerge herbicide applications. The State’s soybean crop was rated in mostly good-to-excellent condition.

TOBACCO: Over three-fourths of the State’s tobacco acreage has been topped. Harvest was in full swing in most areas and progressing at a pace slightly ahead of last year. The crop was rated mostly good-to-fair with few disease problems reported. After harvest, some tobacco fields were being prepared for cover crop planting.

PASTURES AND HAY: Farmers continued harvesting hay and clipping pastures last week. Overall, pastures remain in fair-to-good condition, but most are in need of a good, general rain.

TEMPERATURES AND PRECIPITATION For week ending: August 15 th , 2004 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending August 15 th , 2004				Current Week	Rain	Current Since	Departure From	Since April 1	
	HI	LO	AVG	DFN	08/15/04	Days	January 1	Normal	Total	DFN
Ames_Plantation	90	49	70	-9	0.00	0	37.70	+3.85	1731	-16
Tri-City_RGNL_A	83	55	68	-6	1.32	3	31.24	+4.16	1304	+121
Brownsville_TN	91	50	71	-9	0.02	1	33.36	-0.54	1846	+306
Chattanooga/Lov	87	54	71	-8	0.92	2	31.26	-3.38	1798	+168
Clarksville_Sew	88	51	69	-9	0.05	1	28.41	-4.08	1678	+128
Cookeville	87	48	66	-10	0.60	2	40.19	+3.31	1382	+416
Covington	89	50	70	-10	0.00	0	31.65	-1.50	1654	-130
Crossville_AP	82	50	66	-8	0.65	3	37.22	+0.80	1241	+141
Dickson_AG	85	48	66	-11	0.14	3	38.95	+4.24	1397	-226
Dover_1W	88	50	68	-9	0.14	2	28.40	-5.34	1555	+184
Dyersburg	90	50	70	-10	0.04	1	25.04	-7.26	1783	-114
Erwin_1W	84	52	68	-5	0.69	2	30.68	-2.16	1250	-164
Huntingdon_Wate	90	49	68	-10	0.08	1	34.47	+0.67	1664	+197
Jackson_Exp_Stn	90	48	70	-9	0.05	1	32.69	-0.96	1762	+67
Kingston_AG	84	54	68	-8	1.52	2	37.08	-1.14	1476	+205
Knoxville_AP	85	58	70	-8	0.30	2	33.79	+2.23	1646	+231
Lewisburg	90	44	68	-9	0.28	1	39.59	+3.83	1587	+154
Lexington_TN	90	49	70	-9	0.05	1	35.20	+2.32	1639	+601
Linden	88	47	68	-9	0.78	1	33.94	-2.12	1552	+111
Martin	91	49	69	-9	0.00	0	27.64	-6.50	1706	+74
Mc_Minnville_Tn	87	50	68	-9	0.57	2	37.57	+2.78	1587	-221
Memphis_AG	92	51	71	-11	0.01	1	33.87	+0.82	1842	-269
Milan	92	45	68	-10	0.04	1	29.25	-5.47	1658	+65
Murfreesboro_5N	88	50	68	-10	0.41	1	34.69	+0.40	1595	-196
Nashville_Metro	91	53	71	-9	0.21	1	36.94	+6.11	1750	+53
Newcomb	84	51	66	-8	0.56	2	34.06	-1.67	1251	+217
Oneida	84	52	66	-7	0.60	2	33.17	-2.56	1298	-222
Pikeville	85	50	68	-9	1.24	1	32.30	-2.41	1526	+126
Portland_TN	86	50	68	-8	0.77	2	39.33	+5.77	1531	+133
Pulaski_Water_P	89	50	68	-11	0.45	1	40.64	+5.17	1562	-140
Savannah_6SW	89	45	68	-12	0.54	1	45.16	+8.42	1691	+203
Sparta_TN	87	47	68	-8	1.19	2	42.60	+6.78	1648	+441
Springfield	86	47	68	-9	0.06	1	36.78	+4.50	1541	+126
Springhill	90	48	69	-9	0.99	2	40.16	+4.35	1655	+225
Union_City	90	47	68	-10	0.00	0	27.95	-5.27	1549	-43
Waynesboro_TN	87	46	67	-10	0.37	1	40.18	+2.52	1512	-132

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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